



Drafts

Pending

Active

L1: (706) (204/627-640).CCLs.

L2: (13312) contact adj plate

L3: (1) 11 and 12

L4: (131910) (electric or electrical) adj contact

L5: (47) 11 and 14

L6: (1241461) plate

L7: (14488) 14 same 16

L8: (13) 11 and 17

L9: (34) 15 not 18

L10: (372023) module or modules

L11: (92) 11 and 110

L12: (1856104) contact or contacts

L13: (54) 111 and 112

L14: (234) electrodeionization

L15: (1) 114 and 12

L16: (1) 114 and 17

L17: (3374) electrodialysis

L18: (4) 117 and 12

L19: (21) 117 and 17

L20: (16) 119 not (13 or 18 or 118)

Failed

Saved

Favorites

Tagged (0)

UDC

Search Link Browse Update Clear

DB: US-PFUB-USPAY

Default gender: ADJ

119 not (13 or 18 or 118)

Print

Highlight all hit terms only

BRS form ISAR form Image Text HTML

| Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Inventor | U | S | C | P | 1 | 3 | PT2 |
|-------------|----------------|----------|---|------------|----------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1 | US 20030209500 | 20031113 | Pressure liquid filtration with ultrasonic bridging prevention | 210/748 | | Kock, Allen De et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2 | US 20020084188 | 20020704 | Alternating-polarity operation for complete regeneration of electrochemical | 204/551 | 204/280; 204/554; | Tran, Tri D. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3 | US 6815961 B2 | 20041109 | Construction structures and manufacturing processes for integrated | 324/754 | | Mok; Sammy et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4 | US 6787046 B2 | 20040907 | Pressure liquid filtration with ultrasonic bridging prevention | 210/748 | 210/408; 210/413; | De Kock; Allen et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5 | US 6778378 B1 | 20040817 | Flow-through capacitor and method | 361/302 | 361/307; 361/503; | Andelman; Marc D. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 | US 6761809 B2 | 20040713 | Alternating-polarity operation for complete regeneration of electrochemical | 204/286.1 | 204/280; 204/284; | Tran; Tri D. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7 | US 6395186 B1 | 20020528 | Pressure liquid filtration with ultrasonic bridging prevention | 210/748 | 210/408; 210/413; | De Kock; Allen et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 | US 6346187 B1 | 20020212 | Alternating-polarity operation for complete regeneration of electrochemical | 205/342 | 205/743; 210/748 | Tran; Tri D. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 | US 5779891 A | 19980714 | Non-fouling flow through capacitor system | 210/198.2 | 204/600; 204/645; | Andelman; Marc D. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 | US 5620597 A | 19970415 | Non-fouling flow-through capacitor | 210/198.2 | 204/600; 204/645; | Andelman; Marc D. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 | US 5447610 A | 19950905 | Electrolytic conversion of nitrogen oxides to hydroxylamine and | 205/437 | | Sharifian; Hossein | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12 | US 4203810 A | 19800520 | Electrolytic process employing electrodes having coatings which | 205/187 | 205/184; 205/212; | Warne; Michael A. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Ready

HTML

FAST - Unfiled [1]

File View Edit Tools Window Help

☐ Drafts ☐ Pending ☒ Active

☒ L1: (114) electrodeionization
☒ L2: (4012) electroanalysis
☒ L3: (4116) 11 or 12
☒ L4: (9479) contact adj plate
☒ L5: (0) 13 and 14
☒ L6: (44714) (electric or electrical) adj contact
☒ L7: (1754019) plate
☒ L8: (5446) 16 and 17
☒ L9: (0) 13 and 18
☒ L10: (192962) contact and plate
☒ L11: (6) 13 and 110

☐ Failed
☐ Saved
☐ Favorites
☐ Tagged (0)
☐ UDC
☐ Queue
☐ Trash

Search:

Default generator:

13 and 110

| Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Inventor | U | S | C | P | 1 | 3 | PT |
|---------------|------------|-------|---|------------|--------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| US 6284115 B | 20010904 | 15 | Analyte enrichment apparatus comprises sample channel defined by solid material | | | APPEL, J A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| FR 279677 A | 20010323 | | Purification and regeneration of a spent chemical nickel plating bath comprises a | | | RICHARD, A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| EP 49055 B | 19860618 | | Filter for altering concn. of feedstock component - has filter membranes | | | LEFEBVRE, M S | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| JP 57032360 A | 19820222 | | Regeneration of chemical copper plating - by contacting with cation exchange | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| EP 44035 A | 19820120 | | Thin net-type sheet electrode structure - comprises mesh covered with | | | ENDO, E et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| FR 1592836 A | N/A | | Semipermeable membranes for osmosis, - dialysis or electrodialysis | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

9/2005 SN 630,112 interference search



Drafts

Pending

Active

L1: (706) (204/627-640).CCLS.

L2: (2945) (contact adj plate).clm.

L3: (1) 11 and 12

L4: (40150) ((electric or electrical) adj contact).clm.

L5: (17) 11 and 14

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search

Lib

USPUB:USPAT

Default provider: ADJ

11 and 14

Events

Highlight all hit terms reliably

BRS form

ISB form

Image

Text

HTML

| Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Inventor | U | S | C | P | I | PT |
|-------------------|------------|-------|--|------------|--------------------------|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| US 20040069635 A1 | 20040415 | 20 | Apparatus and method for electrophoretic microspot concentration | 204/456 | 204/450; 204/606; | Mitsuhashi, Masato et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 20040055887 A1 | 20040325 | | EDI device with composite electrode | 204/632 | 204/524 | Li, Xiang et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 20030127333 A1 | 20030710 | | Integrated solid-phase hydrophilic matrix circuits and micro-arrays | 204/600 | 204/627; 422/50 | Lauks, Imants et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 6685809 B1 | 20040203 | | Methods for forming small-volume electrical contacts and material | 204/450 | 204/451; 204/518; | Jacobson; Stephen C. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 6129828 A | 20001010 | | Apparatus and methods for active biological sample preparation | 204/518 | 204/465; 204/519; | Sheldon, III; Edward L. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 5538611 A | 19960723 | | Planar, flow-through, electric, double-layer capacitor and a method of | 204/550 | 204/518; 204/551; | Otowa; Toshiro | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 5411653 A | 19950502 | | Separated electrode system in electrolytically setting or hardening | 204/230.5 | 164/250.1; 204/229.6; | Young; Cameron L. et al. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 5114553 A | 19920519 | | Apparatus and method for removing liquid from liquid bearing material | 204/542 | 204/547; 204/572; | Candor; James T. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 5021136 A | 19910604 | | Apparatus and method for removing liquid from liquid bearing material | 204/542 | 204/547; 204/572; | Candor; James T. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 5019230 A | 19910528 | | Apparatus and method for removing liquid from liquid bearing material | 204/516 | 204/518; 204/553; | Candor; James T. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 4975166 A | 19901204 | | Apparatus and method for removing liquid from liquid bearing material | 204/516 | 204/518; 204/553; | Candor; James T. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| US 4877503 A | 19891031 | | Apparatus and method for removing liquid from liquid bearing material | 204/542 | 204/547; 204/572; | Candor; James T. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Hits

Details

HTML

Ready

NUM

File View Edit Tools Window Help

| | | | | | | | | | | | | | |
|---|------------|-------|-------|------------|--------------|----------|---|---|---|---|---|---|----|
| [Icons] | | | | | | | | | | | | | |
| <div>Drafts Pending Active</div> <div>L1: (42) "LI XIANG" L2: (3747) edi or electrodeionization L3: (5) L1 and L2 L4: (4) "LUO GOU-LIN".in. L5: (0) L4 not L1 Failed Saved Favorites Tagged (0) UDC Queue Trash</div> | | | | | | | | | | | | | |
| <div>Search [text] [Go] [Clear] DBs US-PUB-USPAT Default generator: ADJ [v] <div>L4 not L1</div></div> | | | | | | | | | | | | | |
| <div>BRS form [v] ISIR form [v] Image [v] Test [v] HTML [v]</div> | | | | | | | | | | | | | |
| Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Inventor | U | S | C | P | 1 | 3 | PT |
| | | | | | | | | | | | | | |
| [Icons] | | | | | | | | | | | | | |
| Hits [v] Details [v] HTML [v] | | | | | | | | | | | | | |
| Ready | | | | | | | | | | | | | |